## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits | Search<br>Query   | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---------------------------|---------------------|---------|---------------------|
| L1       | 1200 | 429/400-535.<br>ccls. and<br>(electrolyt\$3)<br>same (bind\$3<br>bound sinter<br>\$3 glu\$3 adher<br>\$3 tap\$3)<br>same (anode<br>electrode) and<br>(sofc solid adj<br>oxide)            | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/05/03<br>13:33 |
| L2       | 38   | 429/400-535. cds. and (sofc solid adj oxide) and (anode electrode) same ((nickel adj free) "ni- free" "nickel- free" "nickel- less" (no near3 (ni nickel)) (absent\$3 near4 (nickel ni))) | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/05/03          |
| L3       | 15   | 429/400-535.<br>ccls. and (sofc<br>solid adj<br>oxide) and<br>(nickel ni)<br>with (leech\$3<br>leach\$3<br>withdraw\$3)   | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2011/05/03<br>14:05 |

| L4 | 2126 | 429/400-535. ccis. and (sofc solid adj oxide) and (ceria "ceo. sub.2" cu copper cerium adj oxide ceric adj oxide cerium adj dioxide)  | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2011/05/03<br>14:07 |
|----|------|---|----------------------------|----|----|---------------------|
| L5 | 120  | 429/400-535. cds. and (sofc solid adj oxide) and (ceria "ceo. sub.2" cu copper cerium adj oxide ceric adj oxide cerium adj ioxide cerium adj oxide cerium adj oxide cerium adj oxide) same sulfur | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2011/05/03<br>14:08 |
| L6 | 2    | (sofc solid adjoxide) and (anode electrode) same ((nickel adj free) "ni-free" "nickel-free" "nickel-free" (nickel) (absent\$3 near4 (nickel ni))) not (us. pc.)                                   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/05/03<br>14:11 |

| L7  | 115 | (h01m008\$. ipc. h01m8\$. ipcr.) and (sofc solid adj oxide) and (ceria ceo2 "ceo.sub.2" cu copper cerium adj oxide cerium adj dioxide) same sulfur not us. pc.        | FPRS; EPO;<br>JPO; DERWENT | OR | O  | 2011/05/03 14:13    |
|-----|-----|---|----------------------------|----|----|---------------------|
| L8  | 767 | (h01m008\$. ipc. h01m8\$. ipc. h01m8\$. ipcr.) and (sofc solid adj oxide) and (ceria ceo2 "ceo.sub.2" cu copper cerium adj oxide cerium adj dioxide) not us.pc. not 7 | FPRS; EPO;<br>JPO; DERWENT | OR | OS | 2011/05/03<br>14:14 |
| L9  | 11  | 8 and (cu<br>copper cobalt<br>co iron fe)<br>same (cermet)  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/05/03<br>14:16 |
| L10 | 29  | 8 and (cu<br>copper cobalt<br>co iron fe) and<br>(cermet)   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/05/03<br>14:17 |
| L11 | 738 | 8 not 10  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2011/05/03<br>14:17 |
| L12 | 65  | 429/488.ccls.<br>not (1 2 3 5)  | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2011/05/03<br>14:20 |
| L13 | 58  | 429/502.ccls.<br>not (1 2 3 5<br>12)  | US-PGPUB;<br>USPAT; USOCR  | OR | ON | 2011/05/03<br>14:21 |

## EAST Search History (Interference)

| Ref# | Hits | Search Query   | DBs            | Default<br>Operator | Plurais | Time Stamp          |
|------|------|--|----------------|---------------------|---------|---------------------|
| L14  | 90   | 429/488,502.cds.   | USPAT;<br>UPAD | OR                  | ON      | 2011/05/03<br>14:22 |
| L15  | 0    | 429/400-535.cds.<br>and (electrolyt\$3)<br>same (bind\$3<br>bound sinter\$3 glu<br>\$3 adher\$3 tap\$3)<br>same (anode<br>electrode) and<br>(sofc solid adj<br>oxide)                      | UPAD           | OR                  | ON      | 2011/05/03<br>14:23 |
| L16  | 3    | (electrolyt\$3) same<br>(bind\$3 bound<br>sinter\$3 glu\$3<br>adher\$3 tap\$3)<br>same (anode<br>electrode) and<br>(sofc solid adj<br>oxide)   | UPAD           | OR                  | ON      | 2011/05/03<br>14:23 |
| L17  | 0    | (sofc solid adj<br>oxide) and (anode<br>electrode) same<br>((nickel adj free)<br>"ni-free" "nickel-<br>free" "nickel-<br>less" (no near3 (ni<br>nickel)) (absent\$3<br>near4 (nickel ni))) | UPAD           | OR                  | ON      | 2011/05/03<br>14:24 |

## 5/3/2011 2:28:13 PM

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(4) - nickeless SO anode.wsp